

DISCUSSION

This well is anticipated to encounter only normal or below normal pressure formations. 5-1/2" casing design is required due to stimulation considerations.

FORMATIONS

<u>Zone</u>	<u>Depth (MD)</u>	<u>Remarks</u>
Yates	2403'	Possible Shows
Seven Rivers	2667'	Objective Sand
Queen	3119'	Objective Sand
Penrose	3250'	Objective Sand
Grayburg	3550'	

FORMATION EVALUATION

DUAL LATERLOG/MSFL/GR/CAL: TD - SURFACE
COMPENSATED NEUTRON/ LITHODENSITY W/GR: TD - 2200'
No Mudlogger

MUD PROGRAM**Recommended Vendor:**

<u>Interval</u>	<u>System</u>	<u>MW</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
Surf - 500'	FW-GEL-LIME	8.4 - 9.0	28 - 40	n/c

Treatable water depth is estimated at 300'. Drill surface hole 50' into the Red Bed or $\pm 500'$.

500 - 1100'	Water / sweeps	8.5 - 9.0	32 - 36	n/c
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Keep the viscosity up to help control the Red Beds.

1100 - 2500'	Saturated Brine	10.0 - 10.2	32 - 34	n/c
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Maintain volume with additions of saturated brine to prevent salt erosion in the Rustler Anhydrite below 1100'.

2500 - TD	Salt Gel	10.2 - 10.5	34 - 36	10 - 20 cc
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Mud up at 2500' with Salt Gel. There may be lost circulation or seepage in this interval. Keep a supply of LCM.